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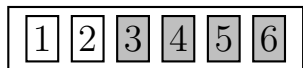
Name: \_\_\_\_\_

QUIZ 16 ♡

MATH 211  
March 28, 2023

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1. A box contains six tickets, two white and four gray, numbered as shown below. You take one ticket. Let  $A$  be the event “*Your ticket is gray.*” Let  $B$  be the event “*Your ticket is odd.*”



Are  $A$  and  $B$  independent or dependent? Explain.

2. A shuffled standard 52-card deck is placed on a table. Find the probability that the top card is red and the bottom card is a club.

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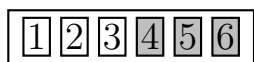
Name: \_\_\_\_\_

QUIZ 16 ◇

MATH 211  
March 28, 2023

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1. A box contains six tickets, three white and three gray, numbered as shown below. You take one ticket. Let  $A$  be the event “*Your ticket is gray.*” Let  $B$  be the event “*Your ticket is odd.*”



Are  $A$  and  $B$  independent or dependent? Explain.

2. A shuffled standard 52-card deck is placed on a table. Find the probability that both the top and bottom cards are red.